

TT-65-63805

Field 6A

Shapot, W. S.
SOME PROPERTIES OF METHEMOGLOBIN. Tr. by
R. Roberts. 7 Oct 46, 4p, 4refs.
Available on loan from CFSTI as TT-65-63805

L. National Institutes of
Health, Bethesda, Md.

Trans. of Biokhimiya (USSR) v10 n2 p130-4 1945.

Vilyui Encephalomyelitis, by A. N. Shapoval, 7 pp.

RUSSIAN, bk, Voprosy Psikhiatrii i Nevropatologii,
No 3, 1958.

OTS 60-21173
PL-430

Sci - Med

Apr 62

PST 210

(NY-1374/42)

Early Clinical Manifestations of Tick-
Borne Encephalitis, by A. N. Shapoval

RUSSIAN, mo per, Voenno Med Zhur,
No 5, Moscow, May 1961, pp 42-45

170, 414

10052

Internal Friction in Uranium, by V. E. Ivanov,
B. I. Shapoval, 7 pp.

RUSSIAN, Paper Presented at the Symposium on
Radiation Damages in Solids and Reactor Materials,
Venice, 7-11 May 1962, IAEA SM-25/84. 9200067

AEC-tr-5372

Sci - m/m

Dec 62

219,334

Variation of Internal Friction and Coefficients
of Elasticity in Pure Iron with Temperature, by
V. N. Anomanso, B. I. Shapoval, V. V. Lebedev,
5 pp.

RUSSIAN, per, Fiz Met Metal i Metallov, Vol VIII,
No 2, 1959, pp 249-254.

PP

Sci

134,924

Dec 60

Study of the Effect of Boron on the Properties
of Nickel, Using the Internal Friction
Method, by B.I. Shapoval.

RUSSIAN, per Fizika Metall, Vol. 18, No. 5,
1964, pp 796-798.

NLE/5828.4 1965 (5681)

B I. SHAPOVAL

Sci -
Aug 67

337-624

(D-6545)

SCIENCE AND TECHNOLOGY IN DNEPROPETROVSK OBLAST,
BY I. M. SHAPOVAL, YE. P. SHEVCHENKO, 153 PP.

RUSSIAN, BK, NAUKA I TEKHNIKA NA DNEPROPETROVSHCHINE,
1959, PP 1-16; 90-161.

JPRS 14743

USSR
ECON
AUG 62

205,270

Continuous Improvement of the Quality of Hot
Rolled Tinplate, by G. I. Bel'chenko UNCL
I. M. Shapoval.

RUSSIAN, per, Stal, 1955, pp 374-375.

British Iron and Steel Ind
(no number given)

Sci - Min/Mat
Sep 59

98,165

The Synthesis of Certain Amino- and Nitro Derivatives
of Biphenyl, Containing 2,2'-Dimethoxy and 3,3'-
Dimethyl Groups, by L. M. Litvinenko, A. P. Grekov,
L. D. Shapoval, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11,
1957, pp 3115-3121.

Consultants Bureau

Sci - Chem

Jan 59

78, 819

Automatic Discharging of the Gas
Over Gas Collecting Mains, by
Lushits, I. E. Dudko, M. I.
3 pp.

RUSSIAN, per, Koks i Khim, No 1

CTRA

Sol.

Jun 62

Automation of the Heating of Coke Ovens, by
B. Ya. Livshits, M. I. Shapoval, N. P. Ivanov,
3 pp.

RUSSIAN, per, Koks i Khim, No 3, 1961, pp 26.

CERA

26-27.

Sci

169, 396

Sep 61

Physical Properties of the Serpentinities of the
Middle Povolnya Region, by V. I. Shapoval.
RUSSIAN. par. Kompleksnye Geofiz. Issled. Territor.
Uraln.. No 4, 1963, pp 29-32.
NII GRS 3222

Sci-Earth Sci
Nov 67

V. I. Shapoval

345.277

Oscillographic Circuit with Amalgamated Silver
Electrode, by E. M. Skobets, V. I. Shapoval, 16-78
4 P P.

RUSSIAN, per Zavod Lab, Vol XXVI, No 3, 1960,
pp 248-253 ~~278-281~~ 278-281.

ISA

Sci-
Feb 61

140,852

Hydrogen Overvoltage at a Porous Iron-Nickel
Cathode, by I. B. Barmashenko, V. I. Shapoval,
6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 11,
1959, pp 827-832.

Consultants Bureau

Sci

JUN 60

117,895

On the Relation Between Study and Life Work, and
the Practice of Communist Construction. by
S. Sharenvalenko, 10 pp.

RUSSIAN, per, Narodnoye Obrazovaniye. No 7, 1961
pp 36-42.

JPRS 11571

USSR

Soc

Jan 62

Programmed Teaching of Chemistry, by S. G. Shapovalenko, 16 pp.

RUSSIAN, par. Khim v Shkole, Vol XVIII, No 5, 1963, pp 18-27.

JPILS 22730

**Sci-Misc
Jan 64**

240, 694

Combining Education With Productive Work, by
S. G. Shapovalenko, P. R. Atutov, 4p.

RUSSIAN, per, Sovetskaya Pedagogika, No 11, 1959,
pp 11-21.

Internatl Arts and Sci Press
Soviet Education
Vol II, No 4

USSR - Soc
Apr 60

111,609

Unit for Obtaining Ultra-Fine Cast Wire in
Glass Insulation From Liquid Metal, by
Rybalka & Shapovalov, 3 pp.

RUSSIAN, per, Byul Tekh-Ekon Informatsii,
No 6, Sep 1959, pp 19, 20.

ACSI H-9968
ID 2174790

Sci - Engr

170,478

11 Oct 61

2
Truck Production at Minsk Automobile Plant, by
A. Antakovich, -A. Shapovalov, et al, 6 pp.
RUSSIAN, per, Za Rulem, No 1, 1964, pp 8, 9.
JPRS 24001

USSR
Econ
Apr 64

253, 433

Intracellular Measurement of the Resting
Potential and the Polarization of Muscle
Fiber by the Potentiometric Method, by
A. I. Shapovalov, 3 pp.

RUSSIAN, per, Biofiz, Vol VI, No 6, 1961.

Elsevier Pub. Co.

Sci

May 62

405707

Some Problems of Blast-Furnace Smelting, Using
Natural Gas, by M. A. Shapovalov, 3 pp.

RUSSIAN, per, Metallurg, No 8, 1960, pp 4-6.

AM

Sci
Aug 61

167,036

Application of the Oxygen-Enriched Blast in Blast
Furnaces, by I. P. Bardin, M. A. Shapovalov, 28 pp.

RUSSIAN, bk, Metallurgiya SSSR, (1917-1956), Vol I,
Part I, 1958, pp 125-146.

OTS 60-51188
PL-480

USSR
Econ
Sep 61
PBT No 119

166, 930

Urgent Problems in the Construction of
~~RUSSIAN~~ Petroleum and Gas Wells, by A. G.
Shapovalov.

RUSSIAN, per, Neft Khoz, Vol XXXIII, No 9,
1955, pp 14-19.

Tech and Comm Trans
\$62.50

USSR
Econ - Construction

29,756

The Effect of Stimulants on the Electrical
Activity of Solitary Neurons of the Spinal
Cord, by A. I. Shapovalov, 7 pp.

RUSSIAN, per, Byul Eksper Biol i Medit,
Vol. LIV, No 10, 1962, pp 70-75.

CE

Sci

245, 812

Dec 63

The Interaction of Spontaneous and Evoked Activity
in a Single Muscle Fiber, by A. I. Shapovalov,
10 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova,
Vol XLVII, No 9, 1961.

Elsevier Pub Co

Sci

Oct 62

216,568

Responses of Spinal Neurones to Rhythmical
Stimulation as Recorded With Intracellular
Electrodes, by A. I. Shapovalov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 5,
1962, pp 1267-1270.

AIBS

211.571

Sci - Biol Sci

Sep 62

The Effect of Polarization on the Electrical
Response of a Muscle Fiber, by

A. I. Shapovalov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med,
Vol LI, No 6, 1961, pp 3-7.

CB

Sci

195,071

May 62

Possibilities of an a.c. Amplifiers for
Investigating Rapidly Changing Extra- and
Interacellular Biopotentials, by A. I.
Lapitskiy, M. I. Tishchenko, A. I. Shapovalov,
8 pp.

RUSSIAN, per, Biofiz, Vol VI, No 1, 1961.

PP

Sci

182,740

Jan 62

Myoelectric Activity of the Muscle Fiber Following the
Polarization or Intracellular Injection of TORG
A.Y. Shapovalov, 10 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I.M. Sechenova
Vol. XLVII, No 1, 1961.

PP

194, 182

Sci
Apr 62

Characteristics of the Responses of Various Spinal
Neurons to Direct Stimulation, by P. G. Kostyuk,
A. I. Shapovalov, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L,
No 9, 1960, pp 8-10.

CB

Sci

Jun 61

156,835

Facilitation and Depression of Neuromuscular
Transmission in the Course of Rhythmical
Stimulation With Intracellular Recording, by A.
I. Shapovalov, 10 pp.

RUSSIAN, per, Fiziol. Zhur SSSR imeni I. M.
Sechenova, Vol XLVI, No 9, 1960, pp 1117-
1119.

PP

144,430

Sci

Ann 61

Amr (b)

Multiple Discharges of the Soviet Union
Fiber, by A. I. Shapovalov, 1960.

RUSSIAN, per, Tekhnologiya, Vol. 11.
No. 6, Nov/Dec 1960, pp 651-655.

JPRS 1146

Sci
Sci 62

174 656

Relation Between Electrical Polarization and
Rhythmic Activity of Striated Muscle Fibre,
by P. G. Kostyuk, A. I. Shapovalov, 10 pp.

RUSSIAN, per, Biofiz, Vol V, No 5, 1960,
pp 586-594.

PP

Sci

Jun 61

156,356

An Intracellular Microelectrode Study of the
Mechanism of Origin of Rhythmic Muscle Fiber
Activity, by A. I. Shapovalov, 4 pp.

RUSSIAN, per, Byul Eksper i Med, Vol XLIX,
No 6, 1960, pp 3-7.

CB

Sci

Feb 61

138, 569

Transmission of Excitation in the Spinal Cord
in Curarized Animals, by A. I. Shapovalov,
6 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLV, No 8, 1959, pp 952-958.

Pergamon Press

Sci

Apr 60

114,984

The Ganglionic Blocking Action of Sodium Amytal
Diplocaine, and Chlorpromazine in Hypothermia,
by A. I. Shapovalov, 4 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XXI, No 4,
1958, pp 28-30.

Consultants Bureau

Sci - Med
Jun 59

88,944

International Recording of Musical Fibers
Potentially by P. G. Kostyuk, N. A. Sorokina,
A. V. Chernovolov, 11 pp.

RESEARCH, part, Hiofis, Vol IV, No 3, 1977
pp 110-111.

Permanence Index

End.

Apr 50

Double-Barrelled Microelectrodes for Intra-
cellular Measurement of Δ Biopotentials, by
A. I. Shapovalov, 3 pp.

RUSSIAN, per, Biofizika, Vol V, No 1, 1960,
pp 79-80.

PP

Sci
Aug 60

124,529

Post-Activation Facilitation in the Superior
Cervical Sympathetic Ganglion of the Cat, by
A. I. Shapovalov, 10 pp

RUSSIAN, per Fiziol Smr SSSR, imeni I. M.
Sechenova, Vol XLVI, No 2, 1960, pp 185-193

PP

Bcl

Oct 60

130,171

Effect of Temperature on the Rhythmic Activity
of the Rhythmically Active Nuclei. Intracellular
Recording, by A. K. Gerasimov, p. 21

RUSSEAN, per, Medicina, Vol V, no 3, 1960, pp. 210-211

PP

Sci.
Am. 63.

1960, 1961

The Effect of Body Temperature on Transmission of
Excitation in the Superior Cervical Ganglion and the
Action of Ganglion-Blocking Preparations, by A. I.
Shapovalov, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIV,
No 8, 1957, pp 71-74.

Consultants Bureau

Sci - Medicine
Jul 58

66,543

Organization of Self-Service in Specialized Secondary
Schools, by A. P. Shapovalov, 2 pp.

Srednee Spetsial'noy

RUSSIAN, per, ~~Shapovalov~~
1960.

Obrazovanie, No 1,

Interntl Arts & Sci Press
Sov Education
Vol II, No 7

USSR

Soc

Aug 60

Automation in Armored Troops (Part 1), by
D. Hrygoulov, 4 pp.

RUSSIAN, np, Krasnaya Zvezda, 27 Jul 1960, p 2.

JPRS 6403

USER

RUSSIA MIL

Dec 60

Developmental Electrochemical Measurement Methods
for Temperatures Up to 300°C and Pressures Up to
 100kg/cm^2 , by V. V. Gerasimov, A. I. Gromova, E. T.
Shapovalov, 21 pp.

RUSSIAN, bk, Razrabotka Metodiki Elektrokhimicheskikh
Izmerenii pri Temperature do 300°C i Davlenii do
 100kg/cm^2 , 1961.

AEC Tr-4667

Sci - Chem
Feb 62

182,498

The Effect of Oxygen on the Electrochemical and Corrosion Behavior of "1X189T" Steel in Water at Critical Temperature and Pressure, by V. V. Gerasimov, A. I. Gromova, E. T. Shapovalov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5, 1960, pp 1089, 1090.

Navy/NRL 842

Sci - Chemistry
May 61

150,571

The Effect of Polyvalent Metal Salts on the
Flotation of Non-Sulphide Minerals Using
Sodium Alkyl-Sulphate, by S. I. Pol'kin, G. M.
Shapovalov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvetnaya
Metal, No 1, 1960, pp 29-34.

DSIR LLU RTS 1615

Sci - Chem

Oct 60

130.725

We Must Fully Relieve Schoolchildren of Excessive
Homework, by I. Shapovalov, 3 pp.

RUSSIAN, per, Narodnoye Obrazovanie. No 1, 1960,
pp 49-.

Internatl Arts & Sci Press
Soviet Education
Vol II, No 8

USSR
Soc
Sep 60

126,136

(NY-3000)

Automation and Mechanization of the Process of
Making Track Links, by S. N. Aver'yanov, I. F.
Shapovalov, 15 pp.

RUSSIAN, per, Traktory i Selkhoz, No 5, 1961,
pp 39-43.

JPRS 10006

167,991

USSR

Econ

Sep 61

Characteristics of Curves of the Intensity of X-Ray Scattering
and Curves of the Atomic Distribution of Liquid Metals,
by I. V. Radchenko, I. M. Shapovalov, 15 pp.
UKRAINIAN, per, Ukrayin Fiz Zhur, Vol IV, No 1,
1959, pp 5-16.

JPRS 23510

Sci-Mat Sci Met
Mar 64

251,528

On Variational Principles of Thermoelasticity, by
L. I. Balabukh, L. A. Shapovalov, 8 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIV, No 4,
1960, pp 703-707.

PP

Sci

158, 174

Jun 61.

The Influence of NON-Uniform Heating on the
Stability of a Compressed Bar, by L. A. Shapovalov,
7 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXII, No 1,
1958, pp 119-122.

Pergamon Inst

Sci .. Mathematics, Physics
Nov 58

76, 145

Blast Furnace Operation on Natural Gas, by M.
Shepovalev.

RUSSIAN, per, Metallurg, No 8, 1960, pp 4-6.

HB 5124

Sci - Engr

Jun 61

156,832

Shapovalov, M. A.
SOME PROBLEMS OF BLAST FURNACE SMELTING
WITH THE USE OF NATURAL GAS. Mar 61.
Order from MT 43 3s MT Trans-143

Trans. of Metallurg (USSR) 1960, v. 5, no. 8, p. 4-6.
Another trans. is available from HB \$2.90 as HB-5124,
Apr/May 61, 1800 words.

DESCRIPTORS: *Blast furnaces, *Natural gas, *Smelt-
ing, Operation, Gases.

(Metallurgy, TT, v. 6, no. 9)

61-25321

- I. Shapovalov, M. A.
- II. MT Trans-143
- III. Tollemache, M. de O.
(Gt. Brit.)

Office of Technical Services

Performance of Cupola Furnace With Oxygen Blast,
by M. A. Shapovalov, 34 pp.

RUSSIAN, no per, Kislород, No 1, 1944, pp 17-31.

Sci Trans Center RT 3062

Scientific - Engineering

32.491

Mar 56

SHAPOVALOV, M. A.

Kislod, vol. 2, no. 1, 2 figures, 3 tables, 3900
words; 1945

Production of Steel by Blowing Oxygen Through
Molten Iron.

Brutcher Trans, Order No. 1900, \$5.85

F 10710

SHAPOVALOV, M. A.

Teoriya I Praktika Metallurgii, vol. 12, no. 1,
7 figures, 3 tables, 6400-word condensed translation;
1940

Effectiveness of Using Oxygen-Enriched Blast in
Blast Furnace.

Butcher Trans, Order No. 2258, \$9.60

p 10501

SHAPOVALOV, M. A.

Teoriya i Praktika Metallurgii, vol. 9, nos. 7-8,
1 tables, 3400 words; 1938.

Technical and Economical Fundamentals of Use of
Oxygen-enriched Air in Blast Furnace.

Brutcher Trans, Order No. 1817, \$4.90

A 10 7 92

SOME PROBLEMS OF BLAST FURNACE OPERATION USING
NATURAL GAS, by M. A. Shapovalov, 6pp
RUSSIAN, per, Metallurg, Vol 5, 1960, No 8,
pp 1-6
OIS TT-62-23934

M. A. Shapovalov

Sci - Meta
July 67

330,857

Working of the Blast Furnace on Oxygen-Enriched Blast
by A. A. ~~Bakhtin~~ Baikov, M. A. Shapovalov

RUSSIAN, per, Kislород, Vol I, No 1, 1944.

Brutcher Tr 1903 (4.25)
Brutcher Tr 1881 (11.55)

Scientific - Min/Metals

Charge-Hanging in Blast-Furnace Operation With
Oxygen-Enriched Blast, by M. A. Shapovalov, 3 pp.

RUSSIAN, per, Stal, No 5, 1959, pp 393-396.

BISI.

Sci

Jan 60

105,606

Oxygen in Blast Furnace Smelting, by N. A.
Shapovalov. UNCL

RUSSIAN, par, Kislород, No 4, 1958, pp 1-11.

BIBI 1424

(16 56.01.)

Sci - Chem
Oct 59

99,602

The Introduction of Reducing Gases Into the
Hearth of a Blast Furnace, by M. A. Shapovalov.
UNCLASSIFIED

RUSSIAN, per, Stal, No 5, 1958, pp 385-390.

Iron and Steel Inst Tr 991
(# L4.O.O)

Sci - Min/Met
Aug 58

71,744

Additive for Sulfurous Fuel, by M. I.
Shapovalov.

RUSSIAN, Patent No 157034.

*PTD-TT-65-1126

M. I. Shapovalov

Sci-Engr
Aug 65

(NY-5233)

Unification and Joint Operation of Electrical
Communication Facilities and Radiofication,
by M. I. Shapovalov, I. A. Pavelko, A. G.
Krapivin, 9 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1953,
pp 17, 18.

JPRS 7103
CIA/PDD Tr 543

Sci
Jul 61

159,387

The Best Gunner and Radio Operator, by Maj P.
Shapovalov.

RUSSIAN, ap, Krasnaya Zvezda, No 6, 7 Jan 1950,
full trans.

AF 401835

HLI

USSR

Feb 52 CTS

Air Info Div, L/O Abot 97241

H 10802

Points of Plate Formation in Hydrated ...
by I. E. Brainin, S. E. Shapovalov

RUSSIAN, pp. 12 V. U. Z. ...
pp 81-82

BB 4763

Sol - Min/Max
Jan 80

100 658

The Influence of the Vacuum and Temperature of
Superheating on the Structure of Pig-Iron, by
I. E. Brainin and S. I. Shapovalov, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol XV, No 1,
1957, pp 115-122.

Pergamon Press

Sci - Min/Met

Sep 58

73,015

S-126/60

(H1-31-27)

The Effect of Substituting Atoms of Hydrogen
in the CH_4Br Molecule With Atoms of Deuterium on
the Velocity of the Ionic Isotope Exchange, by
B. Miller, M. B. Meyman, Yu. M. Shapovalov, 1 pp.

RUSSIAN, Dokl. Akad. Nauk SSSR, Vol. XCIII, No. 1,
1954, pp 703-706.

JPRS 2046

Sci - Chem
May 60

116,415

6-64/60

(NY-3)

The Effect of Molecular Structure on the Velocity of the Ionic and Atomic Reactions of Isopropyl Exchange. I. The Effect of Lengthening the Carbon Chain of the Alkyl Radical on the Rate of Isopropyl Exchange of an Alkyl Halide With Halide Ions. By M. B. Neyman, Yu. M. Shapovalov, V. B. Miller, et al.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 7, 1954, pp 1253-1256.

JPRS 2652

122,970

Sci - Chem
Aug 60

S-131/60

(NY 1009)

Study of the Influence of Molecular Structure on the
Velocity of Ionic and Atomic Reactions of Isotope
Exchanges, by M. B. Beuman, V. B. Miller, Yu. M.
Shapovalov, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, No 3, 1956, pp 432-439.

JPRS 2733

Sci - Chemistry

118,858

Jun 60

(FY-6578/4)

Polysaccharides in Human Tissues in the Early Stages
of Ontogenesis, by Yu. N. Shapovalov, 7 pp.

RUSSIAN, per, Arkhiv Anatomii, Gistologii i
Embriologii, Vol XL, No 5, 1961, pp 34-38.

JPRS 9982

Sci - Med

Aug 61

165, 258

Role of Diffusion in the Phenomenon of Adhesion of
High Polymers, by S. S. Voyutskiy, A. I. Shupovalova,
A. P. Fiderenko, 3 pp.

RUSSIAN, three-~~no~~ per, Dok Ak Nauk BSSR, Vol CV,
No 5, 1955, pp 1000-1002.

Sci Mus Lib Tr 57/1526

Sci & Physics
Nov 57

355, 196

Adhesion of High Polymers. 4. Influence of
Mechanical Factors on Adhesion of High Polymers,
by A. P. Pisarenko, A. I. Shapovalova, S. S.
Voyutskiy, 6 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 1, 1960,
pp 57-62.

CB

Sci

May 61

153, 333

Adhesion of High Polymers. 3. Effects of the Size, Shape, and Polarity of High Polymer Molecules on Their Adhesion to Callophans, by S. S. Voyutsky, A. I. Shapovalova, A. P. Pisarenko, 6 pp.

RUSSIAN, per, Kolloid Zhur, Vol. XIX, No 3, 1957, pp 274-280.

Consultants Bureau

Sci - Chem

Jan 59

79,434

Adhesion

~~A Method~~ of High Polymers. 2. Development of a
Method for Determination of the Mutual Adhesion of
High Polymers, by A. I. Shapovalova, S. S. Voyutsky,
A. P. Pisarenko, 9 pp.

RUSSIAN, bino per, Kolloid Zhur, Vol XVIII, No 4,
Jul/Aug 1956, pp 485-493.

Consultants Bureau

Sci - Physics
Jun 1957

48,390

The Synthesis of Butyn-2-Diol-1-4, From Formalin
and Acetylene At Atmospheric Pressure, by
A. N. Shapovalova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 4, 1963,
pp 904-909.

CB

Sci -
Jul 64

262,764

Shapovalova, L. P., Gorokhovatskii, Ya. B., and
Rubanik, M. Ya.
OXIDATION OF UNSATURATED HYDROCARBONS ON
A COPPER CATALYST. [1963] 8p.
Order from ATS \$11.50 ATS-16Q68R

Trans. of Ukr[ainiskii] Khim[icheskii] Zh[urnal] (USSR)
1962, v. 28, no. 9, p. 1031-1036.

DESCRIPTORS: *Oxidation, *Hydrocarbons, *Copper,
Catalysts.

(Chemistry--Organic, TT, v. 10, no. 3)

63-17377

I. Shapovalova, L. P.
II. Gorokhovatskii, Ya. B.
III. Rubanik, M. Ya.
IV. ATS-16Q68R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Glucose and Glycogen of the Brain in Animals
Under Raised Oxygen Pressure, by Z. G.
Bronovitskaya, N. S. Shapovalova, 8 p.

RUSSIAN, per, Ukrayins'kyi Biokhimichnyy Zhurnal,
1958, Vol XXIX, pp 20-24.

7

SLA 59-17418

Sci
Jan 60
Vol 2, No 9

105,992

The Study of the Antibacterial Action of
Crystallomycin in Vitro, by S. P. Shapovalova,
4 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 2,
1959, pp 45-48.

CB

164,471

Sci

Aug 61

A Comparative Investigation of the
Antibacterial and Therapeutic Properties of
Crystallomycin and Amphomycin, by
V. A. Shorin, B. P. Shapovalova, 5 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 1,
1959, pp 77-80.

CB

164,433

Sci

Aug 61

A Comparative Study of Certain Properties of
Staphylococcus Strains Before and After
Adaptation to Crystallomycin, by
S. P. Shapovalova, 3 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 4,
1959, pp 106-109.

CB

164, 418

Sci

Aug 61

S-465/60

(NY-4378).

The Significance of Gas Metabolism Studies in
Pulmonary Cancer Patients, by R. A. Meytina, A. I.
Pirogov, V. Ya. Shapovalova, 14 pp.

RUSSIAN, per, Grud Khir, Vol II, No 2, 1960,
pp 80-86.

JPRS 5443

Sci - Med
Sep 60

124,717

Structure of Earth's Crust in the Northeastern
Region of the USSR, as Obtained From the
Geophysical Data, by K. K. Shapozhnikov.

RUSSIAN, per, Geologiya i Geofizika, No 9, 1962,
pp 100-105.

ACIC

Sci - Geophys

221,433

Feb 63

**Influence of the Nature of Organic Sulfur
Compounds in Oil on Running-In and Initial
Wear of Metallic Friction Surfaces, by
M. G. Voronkov, G. P. Sharonov, 7 pp.**

**RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV,
No 7, 1961, pp 1562-1568.**

CB

Sci

195,877

May 62

Cating Systems for Magnesium-Treated Iron
Castings, by I. A. Shapranov, A. A. Getman,
4 pp.

RUSSIAN, per, Lit Proiz, No 2, 1961, pp 13-16.

BISI

Sci
Aug 61

167,095

Cating Systems for Magnesium-Treated Iron
Castings, by I. A. Shapranov, A. A. Getman,
4 pp.

RUSSIAN, per, Lit Proiz, No 2, 1961, pp 13-16.

BISI

Sci
Aug 61

167,095

Features for Magnesium-Treated Iron Castings,
by I. A. Shapranov, A. A. Gotsman, 4 pp.

RUSSIAN, per, Izht Prois, No 10, 1961.

BCIRA

Sci

200,310

The Optical Model of the Nucleus in the Light of Present
Day Data, by I. S. Shapiro, 14 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXV, Sep/Oct 1961,
pp 61-100.

AIP
Sov Phys - Uspekhi
Vol IV, No 5

Sci

204,341

Jul 62

Adsorption of Nitrogen Gases by Silica Gel, by 28
M. Y. Shagid, A. M. Savinyev.
RUSSIAN, per, Zhurnal Tekhn. Ukrain. Khim. Inst.
Odessa, No 1, 1935, pp 106-121.
GSA Co

Sci - Chem
Jan 64

361,244

The Causes of the Ineffectiveness of Aminoethyl-
Isothiocyanate During Irradiation of the Cells of
Some Tumors, by E. N. Tolkacheva, N. I. Shapro,
6 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 3,
1961.

Royer & Roger

Sci
Mar 62

3
185, 872

Vinylidene Compounds in Diene Synthesis With Cyclohexones,
by E. A. Arbuzov, L. A. Shanishinskaya, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, N Otdel Khim Nauk,
No 12, 1961, pp 2160-2162.

CB

Sci
Sep 62

211,8236

Synthesis of Heterocyclic Compounds Containing Phosphorus in the Ring, Communication 2. ~~Study~~ Study of the Reaction of Dienic Hydrocarbons with Aryl- and Alkyl-Phosphonous ~~Dichlorides~~ Dichlorides and with Aryl and Alkyl Phosphorodichloridites, by B. A. Arbuzov, L. A. Shapshinskaya, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Otdel Khim Nauk, No 1, 1962, pp 65-70.

CB

Sci

Aug 62

214,579

On the Addition of Phenol to Butadiene. by N. A.
Arbuzov, L. A. Shapshinskaya, 4 pp.

RUSSIAN, Khimice-mo per, Dok Ak Nauk SSSR, Vol 13,
No 6, pp 991-993. Sep/Oct 1956

Consulante Bureau

Sci - Chem

56, 674

D ec 57

Dialkylaceto-ethylene Mercury in the Synthesis of
Cyclic Compounds, by V. E. Abramov, L. A. Shap-
shinskaya.

RUSSIAN, thirca-no per, Dok Ak Nauk SSSR, Vol LIX,
No 7, 1948, pp 1291, 1292.

Res Info Sv R.585
52 Nassau St
N. Y.

Scientific - Chemistry

31,045

Feb 56

Diene Synthesis With Anisylcyclone and Some Other
Cyclones, by V. S. Abramov and L. A. E Shapshin-
skaya, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII,
No 8, Aug 1952, pp 1450-1456.

Consultants Bureau

Sci - Chemistry

Feb 54 CTS

9848